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AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated in the following listing of all claims:

1. (Currently Amended) A method for implementing a scoreboard, comprising:
associating an instruction with an index ~~value into the scoreboard, the index identifying~~
the instruction;
associating the instruction with a scoreboard entry corresponding to the index-value;
receiving an indication that a terminating event associated with the instruction has
~~occurred, the indication including a corresponding index into the scoreboard; and~~
identifying and invalidating, based on the received index, the scoreboard entry
~~corresponding thereto associated with the instruction associated with the~~
terminating event.
2. (Original) The method of claim 1, wherein invalidating the scoreboard entry further
comprises invalidating the scoreboard entry after the indication of a terminating event is
received.
3. (Original) The method of claim 1, wherein:
the instruction is a load instruction; and
associating the instruction with a scoreboard entry corresponding to the index value
further comprises associating the load instruction with a scoreboard entry
corresponding to the index value.
4. (Original) The method of claim 3, wherein:
receiving an indication that a terminating event associated with the instruction has
occurred further comprises receiving an indication that load data associated with
the load instruction has been received.
5. (Cancelled)
6. (Original) The method of claim 1 further comprises:

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forwarding the instruction and the index value to a load/store processing unit.

7. (Original) The method of claim 1 further comprises:

receiving the index value from a load/store processing unit.

8. (Original) The method of claim 1, wherein the scoreboard entry is one of a plurality of scoreboard entries.

9. - 20. (Cancelled)

21. (Currently Amended) A method comprising:

locating an entry in a scoreboard for an instruction with a scoreboard index returned from

a[[n]] ~~load-store~~ ~~execution-stage~~ unit; and

invalidating ~~modifying~~ the located scoreboard entry, based on the returned index.

22. (Previously Presented) The method of claim 21 further comprising:

installing the instruction in the scoreboard entry;

associating the scoreboard index for the scoreboard entry with the instruction; and

indicating the associated scoreboard index and the instruction to the load store unit.

23. (Previously Presented) The method of claim 21 further comprising maintaining the index and the instruction in the load store unit at least until a terminating event that corresponds to the instruction.

24. (Previously Presented) The method of claim 21, wherein the instruction includes a load instruction or a long latency instruction.

25. (Cancelled)

26. (Currently Amended) The method of claim 21, wherein a second instruction that is dependent upon the instruction[[.]] is stalled until the scoreboard index is returned from the load-store ~~execution-stage~~ unit.

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27. (Cancelled)

28. (Currently Amended) An apparatus comprising:

a scoreboard unit that includes a plurality of entries configurable to be ~~and~~-indexed with scoreboard indices, the scoreboard unit configurable to indicate in each entry validity ~~and operand~~ information for an instruction ~~in each entry~~; and an execution stage unit configurable to maintain scoreboard indices for respective instructions and to return scoreboard indices for use in locating and invalidating ~~location of respective~~ entries ~~instructions~~ in the scoreboard unit.

29. (Cancelled)

30. (Previously Presented) The apparatus of claim 29 further comprising a decode unit configurable to stall instructions dependent upon operands indicated in locked entries of the scoreboard unit.

31. (Cancelled)